

In the claims:

Claim 1 cancelled.

2. (New) A method of producing a lifting force and a horizontal force by aerodynamic surfaces, comprising the steps of moving aerodynamic surfaces along a circumference and providing their oscillations; rotating each of the aerodynamic surfaces synchronously with the movement along the circumference, in a direction which is opposite to it, relative to an axis of rotation which is parallel to an axis of the movement along the circumference, with an angular speed which is equal to an angular speed of the movement along the circumference, and performing oscillations of each of the aerodynamic surfaces synchronously with a rotation relative to mutually perpendicular axes located correspondingly in two mutually perpendicular planes which intersect along an axis of rotation of the aerodynamic surfaces, wherein one of them passes through an axis of the movement along the circumference and the axis of rotation.